



US Army Corps
of Engineers ®
Hurricane Protection Office

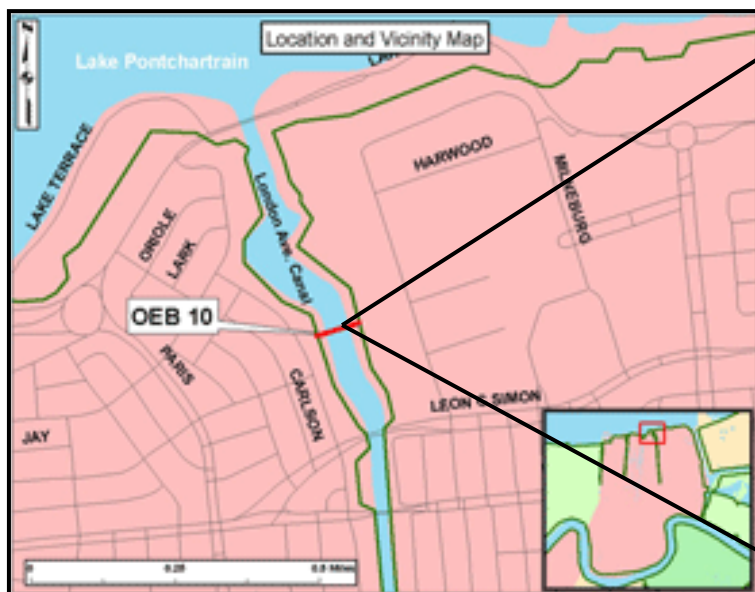
London Avenue Outfall Canal

Project Fact Sheet

The London Avenue Outfall Canal is located in Orleans Parish, east of Orleans Avenue Canal. The canal extends approximately 3 miles from Pump Station #3 to its outfall at Lake Pontchartrain.

The project includes the construction of an interim gated closure structure on London Avenue Canal at Lake Pontchartrain. This structure has a series of 11 panel gates that will be open under normal conditions and may be closed during rising Lake Pontchartrain surge from impending tropical storm activity.

- The structure currently has 12 temporary and 8 direct drive pumps with a pumping capacity between 5,000 and 5,200 cubic feet per second. That is equivalent of filling an Olympic-sized swimming pool in less than 20 seconds.
- The massive movable gates are 35.5 feet tall and nearly 12 feet wide. They are supported by structures called jackets. The jackets are anchored to a depth of 110 feet.
- Rounded concrete cells, 46 feet in diameter, provide support for the pumps' discharge pipes and integrate the gated structure into the earthen levee. Anchoring the cells and providing support for the discharge pipe are H-piles that are driven more than 66 feet.
- I-wall breaches at Robert E. Lee and Mirabeau have been repaired with the replacement of new T-wall.



AUG 2007



US Army Corps
of Engineers ®
Hurricane Protection Office

London Avenue Outfall Canal

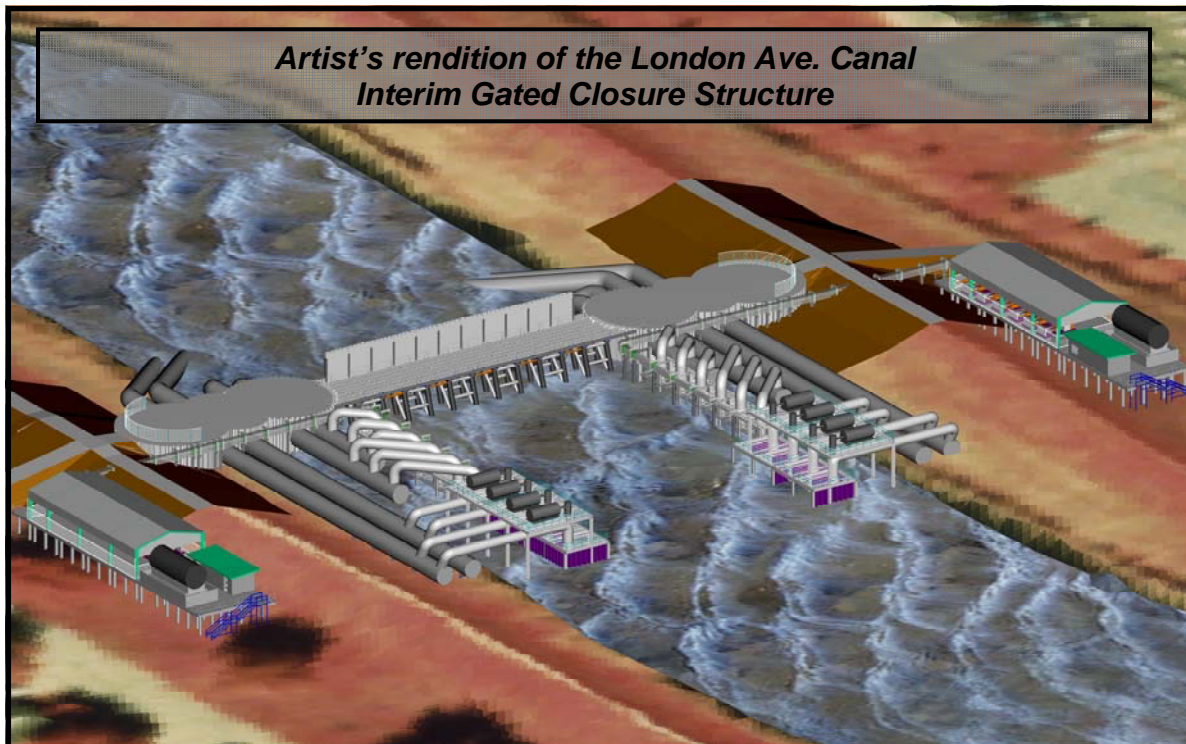
Project Fact Sheet

Stronger Protection for New Orleans

The U.S. Army Corps of Engineers' efforts to upgrade the flood and storm protection system will continue through 2010. The Corps will engineer, construct and improve storm flood protection infrastructure to a 100-year protection level. This work includes:

- Constructing permanent pump and flood gate structures to block storm surges from entering the 17th St., Orleans Avenue, and London Avenue Canals.
- Constructing the best engineering solution for providing the 100-year level of protection for the Inner Harbor Navigational Canal.
- Raising levees to the 100-year level protection.

The federal government has appropriated more than \$7 billion to complete the work of restoring and improving the hurricane protection system. The work currently consists of more than 100 planned construction projects.



AUG 2007